PAIN® 147 (2009) 306–308

PAIN®

www.elsevier.com/locate/pain

Author Index to Volume 147 (2009)

Ahlberg, J. Smoking and orofacial pain-do we need to add bruxism, psychology, or sleep?, **147** 13
Ahsin, S., Saleem, S., Bhatti, A.M., Iles, R.K., Aslam, M. Clinical and endocrinological changes after electro-acupuncture treatment in patients with osteoarthritis of the knee, **147** 60
Albrecht, P.J., see Bowsher, D., **147** 287
Alexander, G.M., see Schwartzman, R.J., **147** 107
Altis, K., Schmidtko, A., Angioni, C., Kuczka, K., Schmidt, H., Geisslinger, G., Lötsch, J., Tegeder, I. Analgesic efficacy of tramadol, pregabalin and ibuprofen in menthol-evoked cold hyperalgesia, **147** 116
Angioni, C., see Altis, K., **147** 116
Aouad, M., Charlet, A., Rodeau, J.-L., Poisbeau, P. Reduction and prevention of vincristine-induced neuropathic pain symptoms by the non-benzodiazepine anxiolytic etifoxine are mediated by 3α-reduced neurosteroids, **147** 54
Arendt-Nielsen, L., see Ge, H.-Y., **147** 233
Argoff, C.E., see Bowsher, D., **147** 287
Argüelles, C., see Velasco, F., **147** 91
Askoxylakis, V., see Bertsche, T., **147** 20
Aslam, M., see Ahsin, S., **147** 60

Baños, J.H., see Richardson, E.J., **147** 147
Bardenheuer, H.J., see Bertsche, T., **147** 20
Bellieni, C.V., Iantorno, L., Perrone, S., Rodriguez, A., Longini, M., Capitani, S., Buonocore, G. Even routine painful procedures can be harmful for the newborn, **147** 128
Bennett, G.J., see Xiao, W.H., **147** 202
Berde, C.B., Stevens, B. Blood sampling and other needle procedures – The Achilles heel of newborn intensive care, **147** 15
Berkley, K.J., see McAllister, S.L., **147** 255
Bertsche, T., Askoxylakis, V., Habl, G., Laidig, F., Kaltschmidt, J., Schmitt, S.P.W., Ghaderi, H., Zabel-du Bois, A., Milker-Zabel, S., Debus, J., Bardenheuer, H.J., Haefeli, W.E. Multidisciplinary pain management based on a computerized clinical decision support system in cancer pain patients, **147** 20
Bhatti, A.M., see Ahsin, S., **147** 60
Blanchard, J., see Leonard, G., **147** 217
Bobeck, E.N., McNeal, A.L., Morgan, M.M. Drug dependent sex-differences in periaqueducatal gray mediated antinociception in the rat, **147** 210
Bogduk, N. On the definitions and physiology of back pain, referred pain, and radicular pain **147** 17
Bopp, A.C., see Carlton, S.M., **147** 265
Bordet, T., see Xiao, W.H., **147** 202
Bostock, H., see Serra, J., **147** 46
Bouhassira, D., see Nahmias, F., **147** 224
Bowsher, D., Woods, C.G., Nicholas, A.K., Carvalho, O.M., Haggett, C.E., Tedman, B., Mackenzie, J.M., Crooks, D., Mahmood, N., Twomey, J.A., Hann, S., Jones, D., Wymer, J.P., Albrecht, P.J., Argoff, C.E., Rice, F.L. Absence of pain with hyperhidrosis: A new syndrome where vascular afferents may mediate cutaneous sensation, **147** 287
Brown, C.A., Jones, A.K.P. Physiological mechanisms of acupuncture: Beyond placebo?, **147** 11
Buonocore, G., see Bellieni, C.V., **147** 128

Cairns, B.E., see Dong, X.-D., **147** 36
Cano, A., Leong, L., Heller, J.B., Lutz, J.R. Perceived entitlement to pain-related support and pain catastrophizing: Associations with perceived and observed support, **147** 249
Capitani, S., see Bellieni, C.V., **147** 128
Carlton, S.M., Du, J., Tan, H.Y., Nesic, O., Hargett, G.L., Bopp, A.C., Yamani, A., Lin, Q., Willis, W.D., Hulsebosch, C.E. Peripheral and central sensitization in remote spinal cord regions contribute to central neuropathic pain after spinal cord injury, **147** 265
Carrillo-Ruiz, J.D., see Velasco, F., **147** 91
Carvalho, O.M., see Bowsher, D., **147** 287
Casanova-Molla, J., see Serra, J., **147** 46
Castro, G., see Velasco, F., **147** 91
Charlet, A., see Aouad, M., **147** 54
Cianfrini, L., see Richardson, E.J., **147** 147
Clark, J. D., see Li, W.-W., **147** 277
Crooks, D., see Bowsher, D., **147** 287
Czarkowska-Bauch, J., see Osikowicz, M., **147** 175

Danneskiold-Samsøe, B., see Ge, H.-Y., **147** 233
Daublaender, M., see Pfau, D.B., **147** 72
de Andrade, D.C., see Nahmias, F., **147** 224
de Mos, M., see Koopman, J.S.H.A., **147** 122
Debes, C., see Nahmias, F., **147** 224
Debus, J., see Bertsche, T., **147** 20
Dieleman, J.P., see Koopman, J.S.H.A., **147** 122
Doleys, D.M., see Richardson, E.J., **147** 147
Dong, X.-D., Svensson, P., Cairns, B.E. The analgesic action of topical diclofenac may be mediated through peripheral NMDA receptor antagonism, **147** 36
Droney, J., Riley, J., Jensen, M.P. Bertsche, et al., Multidisciplinary pain management based on a computerized clinical decision support system in cancer pain patients, **147** 3
Du, J., see Carlton, S.M., **147** 265

Ebstein, R.P., see Treister, R., **147** 187
Edwards, L., see Martins, A.Q., **147** 84
Egashira, N., see Sakurai, M., **147** 165
Eisenberg, E., see Treister, R., **147** 187

Fitzgerald, M., see Walker, S.M., **147** 99
Fukuda, K., Hayashida, M., Ide, S., Saita, N., Kokita, Y., Kasai, S., Nishizawa, D., Ogai, Y., Hasegawa, J., Nagashima, M., Tagami, M., Komatsu, H., Sora, I., Koga, H., Kaneko, Y., Ikeda, K. Association between *OPRM1* gene polymorphisms and fentanyl sensitivity in patients undergoing painful cosmetic surgery, **147** 194

doi:10.1016/S0304-3959(09)00634-4

Galer, B.S. Topical analgesic medication – The dawn of a new era, **147** 5
Ge, H.-Y., Nie, H., Madeleine, P., Danneskiold-Samsøe, B., Graven-Nielsen, T., Arendt-Nielsen, L., Contribution of the local and referred pain from active myofascial trigger points in fibromyalgia syndrome, **147** 233
Geisslinger, G., see Altis, K., **147** 116
Gershon, E., see Treister, R., **147** 187
Ghaderi, H., see Bertsche, T., **147** 20
Goffaux, P., see Leonard, G., **147** 217
Goldbach, M., see Taddio, A., **147** 141
Graven-Nielsen, T., see Ge, H.-Y., **147** 233
Grothusen, J.R., see Schwartzman, R.J., **147** 107
Guevara, U., see Velasco, F., **147** 91
Guo, T.-Z., see Li, W.-W., **147** 277

Habl, G., see Bertsche, T., **147** 20
Haddad, M., see Treister, R., **147** 187
Haefeli, W.E., see Bertsche, T., **147** 20
Haggett, C.E., see Bowsher, D., **147** 287
Hann, S., see Bowsher, D., **147** 287
Hargett, G.L., see Carlton, S.M., **147** 265
Hasegawa, J., see Fukuda, K., **147** 194
Hayashida, M., see Fukuda, K., **147** 194
Heller, J.B., see Cano, A., **147** 249
Hulsebosch, C.E., see Carlton, S.M., **147** 265
Huygen, F.J., see Koopman, J.S.H.A., **147** 122

Iantorno, L., see Bellieni, C.V., **147** 128
Ide, S., see Fukuda, K., **147** 194
Ikeda, K., see Fukuda, K., **147** 194
Ikesue, H., see Sakurai, M., **147** 165
Iles, R.K., see Ahsin, S., **147** 60
Ipp, M., see Taddio, A., **147** 141
Iverson, B.C., see Weingarten, T.N., **147** 67

Jensen, M.P. Research on coping with chronic pain: The importance of active avoidance of inappropriate conclusions, **147** 3
Jones, A.K.P., see Brown, C.A., **147** 11
Jones, D., see Bowsher, D., **147** 287

Kaltschmidt, J., see Bertsche, T., **147** 20
Kaneko, Y., see Fukuda, K., **147** 194
Karsdorp, P.A., Vlaeyen, J.W.S. Active avoidance but not activity pacing is associated with disability in fibromyalgia, **147** 29
Karsdorp, P.A., Vlaeyen, J.W.S. On the validity of 'activity pacing'. Comment on Jensen "Research on coping with chronic pain: The importance of active avoidance of inappropriate conclusions" [Pain 2009;147:3–4], **147** 305
Kasai, S., see Fukuda, K., **147** 194
Kassian, A., see Velasco, F., **147** 91
Kawashiri, T., see Sakurai, M., **147** 165
Kenny, B., see Leonard, G., **147** 217
Kingery, W.S., see Li, W.-W., **147** 277
Koga, H., see Fukuda, K., **147** 194
Kokita, Y., see Fukuda, K., **147** 194
Komatsu, H., see Fukuda, K., **147** 194
Koopman, J.S.H.A., Dieleman, J.P., Huygen, F.J., de Mos, M., Martin, C.G.M., Sturkenboom, M.C.J.M. Incidence of facial pain in the general population, **147** 122
Koren, G., see Taddio, A., **147** 141
Kuczka, K., see Altis, K., **147** 116

Laiba, E., see Treister, R., **147** 187
Laidig, F., see Bertsche, T., **147** 20
Lakke, S.E., Soer, R., Takken, T., Reneman, M.F. Risk and prognostic factors for non-specific musculoskeletal pain: A synthesis of evidence from systematic reviews classified into ICF dimensions, **147** 153
Leonard, G., Goffaux, P., Mathieu, D., Blanchard, J., Kenny, B., Marchand, S. Evidence of descending inhibition deficits in atypical but not classical trigeminal neuralgia, **147** 217
Leong, L., see Cano, A., **147** 249
Li, W.-W., Guo, T.-Z., Liang, D., Shi, X., Wei, T., Kingery, W.S., Clark, J. D. The NALP1 inflammasome controls cytokine production and nociception in a rat fracture model of complex regional pain syndrome, **147** 277
Liang, D., see Li, W.-W., **147** 277
Lin, Q., see Carlton, S.M., **147** 265
Linderoth, B., see Song, Z., **147** 241
Longini, M., see Bellieni, C.V., **147** 128
Lötsch, J., see Altis, K., **147** 116
Love-Jones, S.J., see Pickering, A.E., **147** 299
Lutz, J.R., see Cano, A., **147** 249

Mackenzie, J.M., see Bowsher, D., **147** 287
Madeleine, P., see Ge, H.-Y., **147** 233
Mahmood, N., see Bowsher, D., **147** 287
Makuch, W., see Osikowicz, M., **147** 175
Marchand, S., see Leonard, G., **147** 217
Martin, C.G.M., see Koopman, J.S.H.A., **147** 122
Martin, U., see Martins, A.Q., **147** 84
Martins, A.Q., Ring, C., McIntyre, D., Edwards, L., Martin, U. Effects of unpredictable stimulation on pain and nociception across the cardiac cycle, **147** 84
Mathieu, D., see Leonard, G., **147** 217
McAllister, S.L., McGinty, K.A., Resuehr, D., Berkley, K.J. Endometriosis-induced vaginal hyperalgesia in the rat: Role of the ectopic growths and their innervation, **147** 255
McGinty, K.A., see McAllister, S.L., **147** 255
McIntyre, D., see Martins, A.Q., **147** 84
McNeal, A.L., see Bobeck, E.N., **147** 210
Meyerson, B.A., see Song, Z., **147** 241
Mhalla, A., see Nahmias, F., **147** 224
Mika, J., see Osikowicz, M., **147** 175
Milker-Zabel, S., see Bertsche, T., **147** 20
Morgan, M.M., see Bobeck, E.N., **147** 210

Nagashima, M., see Fukuda, K., **147** 194
Nahmias, F., Debes, C., de Andrade, D.C., Mhalla, A., Bouhassira, D. Diffuse analgesic effects of unilateral repetitive transcranial magnetic stimulation (rTMS) in healthy volunteers, **147** 224
Nesic, O., see Carlton, S.M., **147** 265
Ness, T.J., see Richardson, E.J., **147** 147
Nicholas, A.K., see Bowsher, D., **147** 287
Nickel, R., see Pfau, D.B., **147** 72
Nie, H., see Ge, H.-Y., **147** 233
Nishizawa, D., see Fukuda, K., **147** 194

Ogai, Y., see Fukuda, K., **147** 194
Oishi, R., see Sakurai, M., **147** 165
O'Brien, L., see Taddio, A., **147** 141
Osikowicz, M., Skup, M., Mika, J., Makuch, W., Czarkowska-Bauch, J., Przewlocka, B. Glial inhibitors influence the mRNA and protein levels of mGlu2/3, 5 and 7 receptors and potentiate the analgesic effects of their ligands in a mouse model of neuropathic pain, **147** 175

Pascual, V., see Serra, J., **147** 46
Patel, N.K., see Pickering, A.E., **147** 299
Paylor, T., see Schwartzman, R.J., **147** 107
Perreault, M., see Schwartzman, R.J., **147** 107
Perrone, S., see Bellieni, C.V., **147** 128
Pfau, D.B., Rolke, R., Nickel, R., Treede, R.-D., Daublaender, M. Somatosensory profiles in subgroups of patients with myogenic temporomandibular disorders and fibromyalgia syndrome, **147** 72
Pickering, A.E., Thornton, S.R., Love-Jones, S.J., Steeds, C., Patel, N.K., Analgesia in conjunction with normalisation of thermal sensation

following deep brain stimulation for central post-stroke pain, **147** 299
Poisbeau, P., see Aouad, M., **147** 54
Pruss, R.M., see Xiao, W.H., **147** 202
Przewlocka, B., see Osikowicz, M., **147** 175
Pud, D., see Treister, R., **147** 187

Quiles, C., see Serra, J., **147** 46

Reich, A.-L., see Siniatchkin, M., **147** 132
Reichenberger, E., see Schwartzman, R.J., **147** 107
Reid, K.I., see Weingarten, T.N., **147** 67
Reneman, M.F., see Lakke, S.E., **147** 153
Resuehr, D., see McAllister, S.L., **147** 255
Rice, F.L., see Bowsher, D., **147** 287
Richards J.S., see Richardson, E.J., **147** 147
Richardson, E.J., Ness, T.J., Doleys, D.M., Baños, J.H., Cianfrini, L., Richards, J.S., Depressive symptoms and pain evaluations among persons with chronic pain: Catastrophizing, but not pain acceptance, shows significant effects, **147** 147
Riley, J., see Droney, J., **147** 3
Ring, C., see Martins, A.Q., **147** 84
Rodeau, J.-L., see Aouad, M., **147** 54
Rodriguez, A., see Bellieni, C.V., **147** 128
Rolke, R., see Pfau, D.B., **147** 72

Saita, N., see Fukuda, K., **147** 194
Sakurai, M., Egashira, N., Kawashiri, T., Yano, T., Ikesue, H., Oishi, R., Oxaliplatin-induced neuropathy in the rat: Involvement of oxalate in cold hyperalgesia but not mechanical allodynia, **147** 165
Saleem, S., see Ahsin, S., **147** 60
Schmidt, H., see Altis, K., **147** 116
Schmidtko, A., see Altis, K., **147** 116
Schmitt, S.P.W., see Bertsche, T., **147** 20
Schroeder, D.R., see Weingarten, T.N., **147** 67
Schwartzman, R.J., Alexander, G.M., Grothusen, J.R., Paylor, T., Reichenberger, E., Perreault, M. Outpatient intravenous ketamine for the treatment of complex regional pain syndrome: A double-blind placebo controlled study, **147** 107
Serra, J., Solà, R., Quiles, C., Casanova-Molla, J., Pascual, V., Bostock, H., Valls-Solé, J. C-nociceptors sensitized to cold in a patient with small-fiber neuropathy and cold allodynia, **147** 46
Shepherd, A.J., see Siniatchkin, M., **147** 132
Shi, X., see Li, W.-W., **147** 277
Shi, Y., see Weingarten, T.N., **147** 67
Siebner, H.R., see Siniatchkin, M., **147** 132
Siniatchkin, M., Reich, A.-L., Shepherd, A.J., van Baalen, A., Siebner, H.R., Stephani, U. Peri-ictal changes of cortical excitability in children suffering from migraine without aura, **147** 132
Skup, M., see Osikowicz, M., **147** 175
Soer, R., see Lakke, S.E., **147** 153
Solà, R., see Serra, J., **147** 46
Song, Z., Ultenius, C., Meyerson, B.A., Linderoth, B. Pain relief by spinal cord stimulation involves serotonergic mechanisms: An experimental study in a rat model of mononeuropathy, **147** 241
Sora, I., see Fukuda, K., **147** 194
Steeds, C., see Pickering, A.E., **147** 299
Stephani, U., see Siniatchkin, M., **147** 132
Stephens, D., see Taddio, A., **147** 141
Stevens, B., see Berde, C.B., **147** 15
Sturkenboom, M.C.J.M., see Koopman, J.S.H.A., **147** 122
Svensson, P., see Dong, X.-D., **147** 36

Taddio, A., O'Brien, L., Ipp, M., Stephens, D., Goldbach, M., Koren, G. Reliability and validity of observer ratings of pain using the visual analog scale (VAS) in infants undergoing immunization injections, **147** 141
Tagami, M., see Fukuda, K., **147** 194
Takken, T., see Lakke, S.E., **147** 153
Tan, H.Y., see Carlton, S.M., **147** 265
Tedman, B., see Bowsher, D., **147** 287
Tegeder, I., see Altis, K., **147** 116
Thornton, S.R., see Pickering, A.E., **147** 299
Tochiki, K.K., see Walker, S.M., **147** 99
Treede, R.-D., see Pfau, D.B., **147** 72
Treister, R., Pud, D., Ebstein, R.P., Laiba, E., Gershon, E., Haddad, M., Eisenberg, E. Associations between polymorphisms in dopamine neurotransmitter pathway genes and pain response in healthy humans, **147** 187
Twomey, J.A., see Bowsher, D., **147** 287

Ultenius, C., see Song, Z., **147** 241

Valls-Solé, J., see Serra, J., **147** 46
van Baalen, A., see Siniatchkin, M., **147** 132
Velasco, A.L., see Velasco, F., **147** 91
Velasco, F., Carrillo-Ruiz, J.D., Castro, G., Argüelles, C., Velasco, A.L., Kassian, A., Guevara, U. Motor cortex electrical stimulation applied to patients with complex regional pain syndrome, **147** 91
Viana, F. Understanding the mechanisms of cold-evoked pain in humans, **147** 7
Vlaeyen, J.W.S., see Karsdorp, P.A., **147** 29, 305

Walker, S.M., Tochiki, K.K., Fitzgerald, M. Hindpaw incision in early life increases the hyperalgesic response to repeat surgical injury: Critical period and dependence on initial afferent activity, **147** 99
Warner, D.O., see Weingarten, T.N., **147** 67
Wei, T., see Li, W.-W., **147** 277
Weingarten, T.N., B.C., Iverson, Y., Shi, D.R., Schroeder, D.O., Warner, K.I., Reid, Impact of tobacco use on the symptoms of painful temporomandibular joint disorders, **147** 67
Willis, W.D., see Carlton, S.M., **147** 265
Woods, C.G., see Bowsher, D., **147** 287
Wymer, J.P., see Bowsher, D., **147** 287

Xiao, W.H., Zheng, F.Y., Bennett, G.J., Bordet, T., Pruss, R.M. Olesoxime (cholest-4-en-3-one, oxime): Analgesic and neuroprotective effects in a rat model of painful peripheral neuropathy produced by the chemotherapeutic agent, paclitaxel, **147** 202

Yamani, A., see Carlton, S.M., **147** 265
Yano, T., see Sakurai, M., **147** 165

Zabel-du Bois, A., see Bertsche, T., **147** 20
Zeilhofer, H.U. Etifoxine (Stresam®) for chemotherapy-induced pain?, **147** 9
Zheng, F.Y., see Xiao, W.H., **147** 202

PAIN® 147 (2009) 309–314

PAIN®

www.elsevier.com/locate/pain

Subject Index to Volume 147 (2009)

Acceptance
Depressive symptoms and pain evaluations among persons with chronic pain: Catastrophizing, but not pain acceptance, shows significant effects, **147**, 147
Active avoidance
Active avoidance but not activity pacing is associated with disability in fibromyalgia, **147**, 29
Active placebo
Outpatient intravenous ketamine for the treatment of complex regional pain syndrome: A double-blind placebo controlled study, **147**, 107
Activity pacing
Active avoidance but not activity pacing is associated with disability in fibromyalgia, **147**, 29
Allodynia
Analgesia in conjunction with normalisation of thermal sensation following deep brain stimulation for central post-stroke pain, **147**, 299
Allodynia
Reduction and prevention of vincristine-induced neuropathic pain symptoms by the non-benzodiazepine anxiolytic etifoxine are mediated by 3α-reduced neurosteroids, **147**, 54
Allodynia
Somatosensory profiles in subgroups of patients with myogenic temporomandibular disorders and fibromyalgia syndrome, **147**, 72
Allopregnanolone
Reduction and prevention of vincristine-induced neuropathic pain symptoms by the non-benzodiazepine anxiolytic etifoxine are mediated by 3α-reduced neurosteroids, **147**, 54
Amethocaine
Reliability and validity of observer ratings of pain using the visual analog scale (VAS) in infants undergoing immunization injections, **147**, 141
Analgesia
Drug dependent sex-differences in periaqueducatal gray mediated antinociception in the rat, **147**, 210
Analgesia
Multidisciplinary pain management based on a computerized clinical decision support system in cancer pain patients, **147**, 20
Arterial baroreceptors
Effects of unpredictable stimulation on pain and nociception across the cardiac cycle, **147**, 84
Association study
Association between *OPRM1* gene polymorphisms and fentanyl sensitivity in patients undergoing painful cosmetic surgery, **147**, 194
Astrocyte activation
Peripheral and central sensitization in remote spinal cord regions contribute to central neuropathic pain after spinal cord injury, **147**, 265
Brain damage
Even routine painful procedures can be harmful for the newborn, **147**, 128
C fiber
C-nociceptors sensitized to cold in a patient with small-fiber neuropathy and cold allodynia, **147**, 46
Ca^{2+} channel alpha2delta ligands
Analgesic efficacy of tramadol, pregabalin and ibuprofen in menthol-evoked cold hyperalgesia, **147**, 116
Calcium/magnesium
Oxaliplatin-induced neuropathy in the rat: Involvement of oxalate in cold hyperalgesia but not mechanical allodynia, **147**, 165
Cardiac cycle
Effects of unpredictable stimulation on pain and nociception across the cardiac cycle, **147**, 84
Catastrophizing
Depressive symptoms and pain evaluations among persons with chronic pain: Catastrophizing, but not pain acceptance, shows significant effects, **147**, 147
Central post-stroke pain
Analgesia in conjunction with normalisation of thermal sensation following deep brain stimulation for central post-stroke pain, **147**, 299
Central sensitization
Contribution of the local and referred pain from active myofascial trigger points in fibromyalgia syndrome, **147**, 233
Chemotherapy
Olesoxime (cholest-4-en-3-one, oxime): Analgesic and neuroprotective effects in a rat model of painful peripheral neuropathy produced by the chemotherapeutic agent, paclitaxel, **147**, 202
Cholinergic vascular innervation
Absence of pain with hyperhidrosis: A new syndrome where vascular afferents may mediate cutaneous sensation, **147**, 287
Chronic graded pain scale
Impact of tobacco use on the symptoms of painful temporomandibular joint disorders, **147**, 67
Chronic pain
Depressive symptoms and pain evaluations among persons with chronic pain: Catastrophizing, but not pain acceptance, shows significant effects, **147**, 147
Chronic pain
Perceived entitlement to pain-related support and pain catastrophizing: Associations with perceived and observed support, **147**, 249
Chronic Pain Coping Inventory
Active avoidance but not activity pacing is associated with disability in fibromyalgia, **147**, 29
Clinical
Multidisciplinary pain management based on a computerized clinical decision support system in cancer pain patients, **147**, 20

doi:10.1016/S0304-3959(09)00635-6

Cluster headache
Incidence of facial pain in the general population, **147**, 122
Cold allodynia
Analgesic efficacy of tramadol, pregabalin and ibuprofen in menthol-evoked cold hyperalgesia, **147**, 116
Cold hyperalgesia
C-nociceptors sensitized to cold in a patient with small-fiber neuropathy and cold allodynia, **147**, 46
Cold hyperalgesia/allodynia
Oxaliplatin-induced neuropathy in the rat: Involvement of oxalate in cold hyperalgesia but not mechanical allodynia, **147**, 165
Cold pressor test (CPT)
Associations between polymorphisms in dopamine neurotransmitter pathway genes and pain response in healthy humans, **147**, 187
Commentary
Topical analgesic medication – The dawn of a new era, **147**, 5
Complex regional pain syndrome
Motor cortex electrical stimulation applied to patients with complex regional pain syndrome, **147**, 91
Complex regional pain syndrome
The NALP1 inflammasome controls cytokine production and nociception in a rat fracture model of complex regional pain syndrome, **147**, 277
Congenital analgesia
Absence of pain with hyperhidrosis: A new syndrome where vascular afferents may mediate cutaneous sensation, **147**, 287
Congenital hypesthesia
Absence of pain with hyperhidrosis: A new syndrome where vascular afferents may mediate cutaneous sensation, **147**, 287
Cortical excitability
Peri-ictal changes of cortical excitability in children suffering from migraine without aura, **147**, 132
Cortical stimulation
Diffuse analgesic effects of unilateral repetitive transcranial magnetic stimulation (rTMS) in healthy volunteers, **147**, 224
Cortisol
Clinical and endocrinological changes after electro-acupuncture treatment in patients with osteoarthritis of the knee, **147**, 60
Couples
Perceived entitlement to pain-related support and pain catastrophizing: Associations with perceived and observed support, **147**, 249
Craniofacial pain
The analgesic action of topical diclofenac may be mediated through peripheral NMDA receptor antagonism, **147**, 36
Craniofacial pain
Topical analgesic medication – The dawn of a new era, **147**, 5
CRPS
Outpatient intravenous ketamine for the treatment of complex regional pain syndrome: A double-blind placebo controlled study, **147**, 107
Cutaneous innervation
Absence of pain with hyperhidrosis: A new syndrome where vascular afferents may mediate cutaneous sensation, **147**, 287
Decision support systems
Multidisciplinary pain management based on a computerized clinical decision support system in cancer pain patients, **147**, 20
Deep brain stimulation
Analgesia in conjunction with normalisation of thermal sensation following deep brain stimulation for central post-stroke pain, **147**, 299
Depressive symptoms
Depressive symptoms and pain evaluations among persons with chronic pain: Catastrophizing, but not pain acceptance, shows significant effects, **147**, 147
Descending inhibitor
Evidence of descending inhibition deficits in atypical but not classical trigeminal neuralgia, **147**, 217
Descending modulation
Drug dependent sex-differences in periaqueducatal gray mediated antinociception in the rat, **147**, 210
Development
Hindpaw incision in early life increases the hyperalgesic response to repeat surgical injury: Critical period and dependence on initial afferent activity, **147**, 99
Disability
Active avoidance but not activity pacing is associated with disability in fibromyalgia, **147**, 29
Dopamine transporter
Associations between polymorphisms in dopamine neurotransmitter pathway genes and pain response in healthy humans, **147**, 187
Double-blinded
Outpatient intravenous ketamine for the treatment of complex regional pain syndrome: A double-blind placebo controlled study, **147**, 107
Electro-acupuncture
Clinical and endocrinological changes after electro-acupuncture treatment in patients with osteoarthritis of the knee, **147**, 60
β-Endorphin
Clinical and endocrinological changes after electro-acupuncture treatment in patients with osteoarthritis of the knee, **147**, 60
Estrous cycle
Endometriosis-induced vaginal hyperalgesia in the rat: Role of the ectopic growths and their innervation, **147**, 255
Experimental model
Diffuse analgesic effects of unilateral repetitive transcranial magnetic stimulation (rTMS) in healthy volunteers, **147**, 224
Experimental pain
Analgesic efficacy of tramadol, pregabalin and ibuprofen in menthol-evoked cold hyperalgesia, **147**, 116
Experimental pain
Associations between polymorphisms in dopamine neurotransmitter pathway genes and pain response in healthy humans, **147**, 187
Facial pain
Incidence of facial pain in the general population, **147**, 122
Fentanyl
Association between *OPRM1* gene polymorphisms and fentanyl sensitivity in patients undergoing painful cosmetic surgery, **147**, 194
Fibromyalgia
Active avoidance but not activity pacing is associated with disability in fibromyalgia, **147**, 29
Fibromyalgia
Somatosensory profiles in subgroups of patients with myogenic temporomandibular disorders and fibromyalgia syndrome, **147**, 72
Free radicals
Even routine painful procedures can be harmful for the newborn, **147**, 128
Genetics
Associations between polymorphisms in dopamine neurotransmitter pathway genes and pain response in healthy humans, **147**, 187
Glia
Glial inhibitors influence the mRNA and protein levels of mGlu2/3, 5 and 7 receptors and potentiate the analgesic effects of their ligands in a mouse model of neuropathic pain, **147**, 175
Gynecological pain
Endometriosis-induced vaginal hyperalgesia in the rat: Role of the ectopic growths and their innervation, **147**, 255
Hindpaw incision
Hindpaw incision in early life increases the hyperalgesic response to repeat surgical injury: Critical period and dependence on initial afferent activity, **147**, 99

Hyperalgesia
Hindpaw incision in early life increases the hyperalgesic response to repeat surgical injury: Critical period and dependence on initial afferent activity, **147**, 99
Hyperalgesia
Reduction and prevention of vincristine-induced neuropathic pain symptoms by the non-benzodiazepine anxiolytic etifoxine are mediated by 3α-reduced neurosteroids, **147**, 54
Immunization
Reliability and validity of observer ratings of pain using the visual analog scale (VAS) in infants undergoing immunization injections, **147**, 141
Incidence study
Incidence of facial pain in the general population, **147**, 122
Induced cutaneous sensory changes
Motor cortex electrical stimulation applied to patients with complex regional pain syndrome, **147**, 91
Induced sympathetic changes
Motor cortex electrical stimulation applied to patients with complex regional pain syndrome, **147**, 91
Infant
Reliability and validity of observer ratings of pain using the visual analog scale (VAS) in infants undergoing immunization injections, **147**, 141
Inflammasome
The NALP1 inflammasome controls cytokine production and nociception in a rat fracture model of complex regional pain syndrome, **147**, 277
Inflammation
The NALP1 inflammasome controls cytokine production and nociception in a rat fracture model of complex regional pain syndrome, **147**, 277
Intravenous
Outpatient intravenous ketamine for the treatment of complex regional pain syndrome: A double-blind placebo controlled study, **147**, 107
Jaw muscle
The analgesic action of topical diclofenac may be mediated through peripheral NMDA receptor antagonism, **147**, 36
Jaw muscle
Topical analgesic medication – The dawn of a new era, **147**, 5
Ketamine
Outpatient intravenous ketamine for the treatment of complex regional pain syndrome: A double-blind placebo controlled study, **147**, 107
Low back
Risk and prognostic factors for non-specific musculoskeletal pain: A synthesis of evidence from systematic reviews classified into ICF dimensions, **147**, 153
Manual palpation
Contribution of the local and referred pain from active myofascial trigger points in fibromyalgia syndrome, **147**, 233
Mechanical allodynia
Oxaliplatin-induced neuropathy in the rat: Involvement of oxalate in cold hyperalgesia but not mechanical allodynia, **147**, 165
Menthol
Analgesic efficacy of tramadol, pregabalin and ibuprofen in menthol-evoked cold hyperalgesia, **147**, 116
N-Methyl-D-aspartate
The analgesic action of topical diclofenac may be mediated through peripheral NMDA receptor antagonism, **147**, 36
N-Methyl-D-aspartate
Topical analgesic medication – The dawn of a new era, **147**, 5
mGlu receptor ligands
Glial inhibitors influence the mRNA and protein levels of mGlu2/3, 5 and 7 receptors and potentiate the analgesic effects of their ligands in a mouse model of neuropathic pain, **147**, 175
mGlu receptors
Glial inhibitors influence the mRNA and protein levels of mGlu2/3, 5 and 7 receptors and potentiate the analgesic effects of their ligands in a mouse model of neuropathic pain, **147**, 175
Microglia activation
Peripheral and central sensitization in remote spinal cord regions contribute to central neuropathic pain after spinal cord injury, **147**, 265
Microneurography
C-nociceptors sensitized to cold in a patient with small-fiber neuropathy and cold allodynia, **147**, 46
Migraine
Peri-ictal changes of cortical excitability in children suffering from migraine without aura, **147**, 132
Minocycline
Glial inhibitors influence the mRNA and protein levels of mGlu2/3, 5 and 7 receptors and potentiate the analgesic effects of their ligands in a mouse model of neuropathic pain, **147**, 175
Mitochondria
Olesoxime (cholest-4-en-3-one, oxime): Analgesic and neuroprotective effects in a rat model of painful peripheral neuropathy produced by the chemotherapeutic agent, paclitaxel, **147**, 202
Mitochondria
Reduction and prevention of vincristine-induced neuropathic pain symptoms by the non-benzodiazepine anxiolytic etifoxine are mediated by 3α-reduced neurosteroids, **147**, 54
Monoamine oxidase-A
Associations between polymorphisms in dopamine neurotransmitter pathway genes and pain response in healthy humans, **147**, 187
Mononeuropathy
Pain relief by spinal cord stimulation involves serotonergic mechanisms: An experimental study in a rat model of mononeuropathy, **147**, 241
Morphine
Drug dependent sex-differences in periaqueducatal gray mediated antinociception in the rat, **147**, 210
Motion aftereffect
Peri-ictal changes of cortical excitability in children suffering from migraine without aura, **147**, 132
Motor cortex electrical stimulation
Motor cortex electrical stimulation applied to patients with complex regional pain syndrome, **147**, 91
Musculoskeletal pain
Risk and prognostic factors for non-specific musculoskeletal pain: A synthesis of evidence from systematic reviews classified into ICF dimensions, **147**, 153
Myofascial pain
Somatosensory profiles in subgroups of patients with myogenic temporomandibular disorders and fibromyalgia syndrome, **147**, 72
Neck
Risk and prognostic factors for non-specific musculoskeletal pain: A synthesis of evidence from systematic reviews classified into ICF dimensions, **147**, 153
Neonate
Hindpaw incision in early life increases the hyperalgesic response to repeat surgical injury: Critical period and dependence on initial afferent activity, **147**, 99
Neoplasms
Multidisciplinary pain management based on a computerized clinical decision support system in cancer pain patients, **147**, 20
Neural sprouting
Endometriosis-induced vaginal hyperalgesia in the rat: Role of the ectopic growths and their innervation, **147**, 255

Neuropathic pain
C-nociceptors sensitized to cold in a patient with small-fiber neuropathy and cold allodynia, **147**, 46
Neuropathic pain
Glial inhibitors influence the mRNA and protein levels of mGlu2/3, 5 and 7 receptors and potentiate the analgesic effects of their ligands in a mouse model of neuropathic pain, **147**, 175
Neuropathic pain
Incidence of facial pain in the general population, **147**, 122
Neuropathic pain
Olesoxime (cholest-4-en-3-one, oxime): Analgesic and neuroprotective effects in a rat model of painful peripheral neuropathy produced by the chemotherapeutic agent, paclitaxel, **147**, 202
Neuropathic pain
Pain relief by spinal cord stimulation involves serotonergic mechanisms: An experimental study in a rat model of mononeuropathy, **147**, 241
Neuropathic pain
Reduction and prevention of vincristine-induced neuropathic pain symptoms by the non-benzodiazepine anxiolytic etifoxine are mediated by 3α-reduced neurosteroids, **147**, 54
Neuropathic pain
The NALP1 inflammasome controls cytokine production and nociception in a rat fracture model of complex regional pain syndrome, **147**, 277
Neuropathy
Oxaliplatin-induced neuropathy in the rat: Involvement of oxalate in cold hyperalgesia but not mechanical allodynia, **147**, 165
Neuroplasticity
Peripheral and central sensitization in remote spinal cord regions contribute to central neuropathic pain after spinal cord injury, **147**, 265
Neuroprotection
Olesoxime (cholest-4-en-3-one, oxime): Analgesic and neuroprotective effects in a rat model of painful peripheral neuropathy produced by the chemotherapeutic agent, paclitaxel, **147**, 202
Neurosteroid
Reduction and prevention of vincristine-induced neuropathic pain symptoms by the non-benzodiazepine anxiolytic etifoxine are mediated by 3α-reduced neurosteroids, **147**, 54
Newborn
Even routine painful procedures can be harmful for the newborn, **147**, 128
Nociception
Peripheral and central sensitization in remote spinal cord regions contribute to central neuropathic pain after spinal cord injury, **147**, 265
Nociception
Reduction and prevention of vincristine-induced neuropathic pain symptoms by the non-benzodiazepine anxiolytic etifoxine are mediated by 3α-reduced neurosteroids, **147**, 54
Nociceptive flexion reflex
Effects of unpredictable stimulation on pain and nociception across the cardiac cycle, **147**, 84
Nociceptor
C-nociceptors sensitized to cold in a patient with small-fiber neuropathy and cold allodynia, **147**, 46
Nociceptor
The analgesic action of topical diclofenac may be mediated through peripheral NMDA receptor antagonism, **147**, 36
Nociceptor
Topical analgesic medication – The dawn of a new era, **147**, 5
Non-steroidal anti-inflammatory drug
The analgesic action of topical diclofenac may be mediated through peripheral NMDA receptor antagonism, **147**, 36
Non-steroidal anti-inflammatory drugs
Analgesic efficacy of tramadol, pregabalin and ibuprofen in menthol-evoked cold hyperalgesia, **147**, 116
Non-steroidal antiinflammatory drug
Topical analgesic medication – The dawn of a new era, **147**, 5
Observer-rated pain
Reliability and validity of observer ratings of pain using the visual analog scale (VAS) in infants undergoing immunization injections, **147**, 141
Opioid
Drug dependent sex-differences in periaqueducatal gray mediated antinociception in the rat, **147**, 210
Opioids
Analgesic efficacy of tramadol, pregabalin and ibuprofen in menthol-evoked cold hyperalgesia, **147**, 116
μ-Opioid receptor
Association between *OPRM1* gene polymorphisms and fentanyl sensitivity in patients undergoing painful cosmetic surgery, **147**, 194
Osteoarthritis
Clinical and endocrinological changes after electro-acupuncture treatment in patients with osteoarthritis of the knee, **147**, 60
Oxalate
Oxaliplatin-induced neuropathy in the rat: Involvement of oxalate in cold hyperalgesia but not mechanical allodynia, **147**, 165
Oxaliplatin
Oxaliplatin-induced neuropathy in the rat: Involvement of oxalate in cold hyperalgesia but not mechanical allodynia, **147**, 165
Pain
Association between *OPRM1* gene polymorphisms and fentanyl sensitivity in patients undergoing painful cosmetic surgery, **147**, 194
Pain
Contribution of the local and referred pain from active myofascial trigger points in fibromyalgia syndrome, **147**, 233
Pain
Drug dependent sex-differences in periaqueducatal gray mediated antinociception in the rat, **147**, 210
Pain
Even routine painful procedures can be harmful for the newborn, **147**, 128
Pain
Hindpaw incision in early life increases the hyperalgesic response to repeat surgical injury: Critical period and dependence on initial afferent activity, **147**, 99
Pain
Impact of tobacco use on the symptoms of painful temporomandibular joint disorders, **147**, 67
Pain
Outpatient intravenous ketamine for the treatment of complex regional pain syndrome: A double-blind placebo controlled study, **147**, 107
Pain assessment
Reliability and validity of observer ratings of pain using the visual analog scale (VAS) in infants undergoing immunization injections, **147**, 141
Pain catastrophizing
Perceived entitlement to pain-related support and pain catastrophizing: Associations with perceived and observed support, **147**, 249
Pain clinics
Multidisciplinary pain management based on a computerized clinical decision support system in cancer pain patients, **147**, 20
Pain intensity
Effects of unpredictable stimulation on pain and nociception across the cardiac cycle, **147**, 84

Pain measurement
Multidisciplinary pain management based on a computerized clinical decision support system in cancer pain patients, **147**, 20
Pain modulation
Evidence of descending inhibition deficits in atypical but not classical trigeminal neuralgia, **147**, 217
Pain ratings
Depressive symptoms and pain evaluations among persons with chronic pain: Catastrophizing, but not pain acceptance, shows significant effects, **147**, 147
Pain unpleasantness
Effects of unpredictable stimulation on pain and nociception across the cardiac cycle, **147**, 84
Patient care team
Multidisciplinary pain management based on a computerized clinical decision support system in cancer pain patients, **147**, 20
Pentoxifylline
Glial inhibitors influence the mRNA and protein levels of mGlu2/3, 5 and 7 receptors and potentiate the analgesic effects of their ligands in a mouse model of neuropathic pain, **147**, 175
Perioperative analgesia
Association between *OPRM1* gene polymorphisms and fentanyl sensitivity in patients undergoing painful cosmetic surgery, **147**, 194
Peripheral benzodiazepine receptor
Reduction and prevention of vincristine-induced neuropathic pain symptoms by the non-benzodiazepine anxiolytic etifoxine are mediated by 3α-reduced neurosteroids, **147**, 54
Peripheral sensitization
Contribution of the local and referred pain from active myofascial trigger points in fibromyalgia syndrome, **147**, 233
Pharmacists
Multidisciplinary pain management based on a computerized clinical decision support system in cancer pain patients, **147**, 20
Pressure pain threshold
Contribution of the local and referred pain from active myofascial trigger points in fibromyalgia syndrome, **147**, 233
Primary afferent
Hindpaw incision in early life increases the hyperalgesic response to repeat surgical injury: Critical period and dependence on initial afferent activity, **147**, 99
Primary afferents
Peripheral and central sensitization in remote spinal cord regions contribute to central neuropathic pain after spinal cord injury, **147**, 265
Probability
Risk and prognostic factors for non-specific musculoskeletal pain: A synthesis of evidence from systematic reviews classified into ICF dimensions, **147**, 153
Punishing spouse responses
Perceived entitlement to pain-related support and pain catastrophizing: Associations with perceived and observed support, **147**, 249
QST
Somatosensory profiles in subgroups of patients with myogenic temporomandibular disorders and fibromyalgia syndrome, **147**, 72
Quantitative sensory testing
Diffuse analgesic effects of unilateral repetitive transcranial magnetic stimulation (rTMS) in healthy volunteers, **147**, 224
Rat
Pain relief by spinal cord stimulation involves serotonergic mechanisms: An experimental study in a rat model of mononeuropathy, **147**, 241
Reliability
Reliability and validity of observer ratings of pain using the visual analog scale (VAS) in infants undergoing immunization injections, **147**, 141
RIII reflex
Diffuse analgesic effects of unilateral repetitive transcranial magnetic stimulation (rTMS) in healthy volunteers, **147**, 224
Sensitization
Endometriosis-induced vaginal hyperalgesia in the rat: Role of the ectopic growths and their innervation, **147**, 255
Sensory profile
Somatosensory profiles in subgroups of patients with myogenic temporomandibular disorders and fibromyalgia syndrome, **147**, 72
Serotonin
Pain relief by spinal cord stimulation involves serotonergic mechanisms: An experimental study in a rat model of mononeuropathy, **147**, 241
Shoulder
Risk and prognostic factors for non-specific musculoskeletal pain: A synthesis of evidence from systematic reviews classified into ICF dimensions, **147**, 153
Single nucleotide polymorphism
Association between *OPRM1* gene polymorphisms and fentanyl sensitivity in patients undergoing painful cosmetic surgery, **147**, 194
Smoking
Impact of tobacco use on the symptoms of painful temporomandibular joint disorders, **147**, 67
Social support
Perceived entitlement to pain-related support and pain catastrophizing: Associations with perceived and observed support, **147**, 249
Solicitous spouse responses
Perceived entitlement to pain-related support and pain catastrophizing: Associations with perceived and observed support, **147**, 249
Spinal cord stimulation
Pain relief by spinal cord stimulation involves serotonergic mechanisms: An experimental study in a rat model of mononeuropathy, **147**, 241
Spousal support
Perceived entitlement to pain-related support and pain catastrophizing: Associations with perceived and observed support, **147**, 249
Spouses
Perceived entitlement to pain-related support and pain catastrophizing: Associations with perceived and observed support, **147**, 249
Substance P
The NALP1 inflammasome controls cytokine production and nociception in a rat fracture model of complex regional pain syndrome, **147**, 277
Sympathetic fibers
Endometriosis-induced vaginal hyperalgesia in the rat: Role of the ectopic growths and their innervation, **147**, 255
Systematic review
Risk and prognostic factors for non-specific musculoskeletal pain: A synthesis of evidence from systematic reviews classified into ICF dimensions, **147**, 153
Temporomandibular disorders
Somatosensory profiles in subgroups of patients with myogenic temporomandibular disorders and fibromyalgia syndrome, **147**, 72
Temporomandibular joint disorder
Impact of tobacco use on the symptoms of painful temporomandibular joint disorders, **147**, 67
Tender points
Somatosensory profiles in subgroups of patients with myogenic temporomandibular disorders and fibromyalgia syndrome, **147**, 72

Thalamic dysrhythmia
Analgesia in conjunction with normalisation of thermal sensation following deep brain stimulation for central post-stroke pain, **147**, 299
Tobacco use
Impact of tobacco use on the symptoms of painful temporomandibular joint disorders, **147**, 67
Transcranial magnetic stimulation
Peri-ictal changes of cortical excitability in children suffering from migraine without aura, **147**, 132
Trigeminal
The analgesic action of topical diclofenac may be mediated through peripheral NMDA receptor antagonism, **147**, 36
Trigeminal
Topical analgesic medication – The dawn of a new era, **147**, 5
Trigeminal neuralgia
Incidence of facial pain in the general population, **147**, 122
Trigeminal neuralgia, Diffuse noxious inhibitory controls (DNIC)
Evidence of descending inhibition deficits in atypical but not classical trigeminal neuralgia, **147**, 217
Trigger points
Somatosensory profiles in subgroups of patients with myogenic temporomandibular disorders and fibromyalgia syndrome, **147**, 72
TSPO
Olesoxime (cholest-4-en-3-one, oxime): Analgesic and neuroprotective effects in a rat model of painful peripheral neuropathy produced by the chemotherapeutic agent, paclitaxel, **147**, 202
Unpredictability
Effects of unpredictable stimulation on pain and nociception across the cardiac cycle, **147**, 84
Validity
Reliability and validity of observer ratings of pain using the visual analog scale (VAS) in infants undergoing immunization injections, **147**, 141
VAS
Clinical and endocrinological changes after electro-acupuncture treatment in patients with osteoarthritis of the knee, **147**, 60
VDAC
Olesoxime (cholest-4-en-3-one, oxime): Analgesic and neuroprotective effects in a rat model of painful peripheral neuropathy produced by the chemotherapeutic agent, paclitaxel, **147**, 202
Visual analog scale
Motor cortex electrical stimulation applied to patients with complex regional pain syndrome, **147**, 91
Visual analog scale
Reliability and validity of observer ratings of pain using the visual analog scale (VAS) in infants undergoing immunization injections, **147**, 141
Visual cortex
Peri-ictal changes of cortical excitability in children suffering from migraine without aura, **147**, 132
Vulvodynia
Endometriosis-induced vaginal hyperalgesia in the rat: Role of the ectopic growths and their innervation, **147**, 255
WOMAC
Clinical and endocrinological changes after electro-acupuncture treatment in patients with osteoarthritis of the knee, **147**, 60

PAIN® 147 (2009) 315–316

PAIN®

www.elsevier.com/locate/pain

Contents to Volume 147 (2009)

Numbers 1–3 – 15 December 2009

COMMENTARIES

Bertsche, et al., Multidisciplinary pain management based on a computerized clinical decision support system in cancer pain patients
J. Droney, J. Riley (UK) 1
Research on coping with chronic pain: The importance of active avoidance of inappropriate conclusions
M.P. Jensen (USA) 3
Topical analgesic medication – The dawn of a new era
B.S. Galer (USA) 5
Understanding the mechanisms of cold-evoked pain in humans
F. Viana (Spain) 7
Etifoxine (Stresam®) for chemotherapy-induced pain?
H.U. Zeilhofer (Switzerland) 9
Physiological mechanisms of acupuncture: Beyond placebo?
C.A. Brown, A.K.P. Jones (UK) 11
Smoking and orofacial pain-do we need to add bruxism, psychology, or sleep?
J. Ahlberg (Finland) 13
Blood sampling and other needle procedures – The Achilles heel of newborn intensive care
C.B. Berde, B. Stevens (USA, canada) 15

TOPICAL REVIEW

On the definitions and physiology of back pain, referred pain, and radicular pain
N. Bogduk (Australia) 17

RESEARCH PAPERS

Multidisciplinary pain management based on a computerized clinical decision support system in cancer pain patients*
T. Bertsche, V. Askoxylakis, G. Habl, F. Laidig, J. Kaltschmidt, S.P.W. Schmitt, H. Ghaderi, A. Zabel-du Bois, S. Milker-Zabel, J. Debus, H.J. Bardenheuer, W.E. Haefeli (Germany) 20
Active avoidance but not activity pacing is associated with disability in fibromyalgia*
P.A. Karsdorp, J.W.S. Vlaeyen (The Netherlands, Belgium) 29
The analgesic action of topical diclofenac may be mediated through peripheral NMDA receptor antagonism*
X.-D. Dong, P. Svensson, B.E. Cairns (Canada, Denmark) 36
C-nociceptors sensitized to cold in a patient with small-fiber neuropathy and cold allodynia*
J. Serra, R. Solà, C. Quiles, J. Casanova-Molla, V. Pascual, H. Bostock, J. Valls-Solé (Spain, UK) 46
Reduction and prevention of vincristine-induced neuropathic pain symptoms by the non-benzodiazepine anxiolytic etifoxine are mediated by 3α-reduced neurosteroids*
M. Aouad, A. Charlet, J.-L. Rodeau, P. Poisbeau (France) 54
Clinical and endocrinological changes after electro-acupuncture treatment in patients with osteoarthritis of the knee*
S. Ahsin, S. Saleem, A.M. Bhatti, R.K. Iles, M. Aslam (Pakistan, UK) 60
Impact of tobacco use on the symptoms of painful temporomandibular joint disorders*
T.N. Weingarten, B.C. Iverson, Y. Shi, D.R. Schroeder, D.O. Warner, K.I. Reid (USA) 67
Somatosensory profiles in subgroups of patients with myogenic temporomandibular disorders and fibromyalgia syndrome
D.B. Pfau, R. Rolke, R. Nickel, R.-D. Treede, M. Daublaender (Germany) 72
Effects of unpredictable stimulation on pain and nociception across the cardiac cycle
A.Q. Martins, C. Ring, D. McIntyre, L. Edwards, U. Martin (UK) 84
Motor cortex electrical stimulation applied to patients with complex regional pain syndrome
F. Velasco, J.D. Carrillo-Ruiz, G. Castro, C. Argüelles, A.L. Velasco, A. Kassian, U. Guevara (Mexico) 91
Hindpaw incision in early life increases the hyperalgesic response to repeat surgical injury: Critical period and dependence on initial afferent activity
S.M. Walker, K.K. Tochiki, M. Fitzgerald (UK) 99
Outpatient intravenous ketamine for the treatment of complex regional pain syndrome: A double-blind placebo controlled study
R.J. Schwartzman, G.M. Alexander, J.R. Grothusen, T. Paylor, E. Reichenberger, M. Perreault (USA) 107

doi:10.1016/S0304-3959(09)00636-8

Analgesic efficacy of tramadol, pregabalin and ibuprofen in menthol-evoked cold hyperalgesia
K. Altis, A. Schmidtko, C. Angioni, K. Kuczka, H. Schmidt, G. Geisslinger, J. Lötsch, I. Tegeder (Germany) 116
Incidence of facial pain in the general population
J.S.H.A. Koopman, J.P. Dieleman, F.J. Huygen, M. de Mos, C.G.M. Martin, M.C.J.M. Sturkenboom (The Netherlands) 122
Even routine painful procedures can be harmful for the newborn*
C.V. Bellieni, L. Iantorno, S. Perrone, A. Rodriguez, M. Longini, S. Capitani, G. Buonocore (Italy) 128
Peri-ictal changes of cortical excitability in children suffering from migraine without aura
M. Siniatchkin, A.-L. Reich, A.J. Shepherd, A. van Baalen, H.R. Siebner, U. Stephani (Germany, UK, Denmark) 132
Reliability and validity of observer ratings of pain using the visual analog scale (VAS) in infants undergoing immunization injections
A. Taddio, L. O'Brien, M. Ipp, D. Stephens, M. Goldbach, G. Koren (Canada) 141
Depressive symptoms and pain evaluations among persons with chronic pain: Catastrophizing, but not pain acceptance, shows significant effects
E.J. Richardson, T.J. Ness, D.M. Doleys, J.H. Baños, L. Cianfrini, J.S. Richards (USA) 147
Risk and prognostic factors for non-specific musculoskeletal pain: A synthesis of evidence from systematic reviews classified into ICF dimensions
S.E. Lakke, R. Soer, T. Takken, M.F. Reneman (The Netherlands) 153
Oxaliplatin-induced neuropathy in the rat: Involvement of oxalate in cold hyperalgesia but not mechanical allodynia
M. Sakurai, N. Egashira, T. Kawashiri, T. Yano, H. Ikesue, R. Oishi (Japan) 165
Glial inhibitors influence the mRNA and protein levels of mGlu2/3, 5 and 7 receptors and potentiate the analgesic effects of their ligands in a mouse model of neuropathic pain
M. Osikowicz, M. Skup, J. Mika, W. Makuch, J. Czarkowska-Bauch, B. Przewlocka (Poland) 175
Associations between polymorphisms in dopamine neurotransmitter pathway genes and pain response in healthy humans
R. Treister, D. Pud, R.P. Ebstein, E. Laiba, E. Gershon, M. Haddad, E. Eisenberg (Israel) 187
Association between *OPRM1* gene polymorphisms and fentanyl sensitivity in patients undergoing painful cosmetic surgery
K. Fukuda, M. Hayashida, S. Ide, N. Saita, Y. Kokita, S. Kasai, D. Nishizawa, Y. Ogai, J. Hasegawa, M. Nagashima, M. Tagami, H. Komatsu, I. Sora, H. Koga, Y. Kaneko, K. Ikeda (Japan) 194
Olesoxime (cholest-4-en-3-one, oxime): Analgesic and neuroprotective effects in a rat model of painful peripheral neuropathy produced by the chemotherapeutic agent, paclitaxel
W.H. Xiao, F.Y. Zheng, G.J. Bennett, T. Bordet, R.M. Pruss (Canada, France) 202
Drug dependent sex-differences in periaqueducatal gray mediated antinociception in the rat
E.N. Bobeck, A.L. McNeal, M.M. Morgan (USA) 210
Evidence of descending inhibition deficits in atypical but not classical trigeminal neuralgia
G. Leonard, P. Goffaux, D. Mathieu, J. Blanchard, B. Kenny, S. Marchand (Canada) 217
Diffuse analgesic effects of unilateral repetitive transcranial magnetic stimulation (rTMS) in healthy volunteers
F. Nahmias, C. Debes, D.C. de Andrade, A. Mhalla, D. Bouhassira (Brazil, France) 224
Contribution of the local and referred pain from active myofascial trigger points in fibromyalgia syndrome
H.-Y. Ge, H. Nie, P. Madeleine, B. Danneskiold-Samsøe, T. Graven-Nielsen, L. Arendt-Nielsen (Denmark) 233
Pain relief by spinal cord stimulation involves serotonergic mechanisms: An experimental study in a rat model of mononeuropathy
Z. Song, C. Ultenius, B.A. Meyerson, B. Linderoth (Sweden) 241
Perceived entitlement to pain-related support and pain catastrophizing: Associations with perceived and observed support
A. Cano, L. Leong, J.B. Heller, J.R. Lutz (USA) 249
Endometriosis-induced vaginal hyperalgesia in the rat: Role of the ectopic growths and their innervation
S.L. McAllister, K.A. McGinty, D. Resuehr, K.J. Berkley (USA) 255
Peripheral and central sensitization in remote spinal cord regions contribute to central neuropathic pain after spinal cord injury
S.M. Carlton, J. Du, H.Y. Tan, O. Nesic, G.L. Hargett, A.C. Bopp, A. Yamani, Q. Lin, W.D. Willis, C.E. Hulsebosch (USA) 265
The NALP1 inflammasome controls cytokine production and nociception in a rat fracture model of complex regional pain syndrome
W.-W. Li, T.-Z. Guo, D. Liang, X. Shi, T. Wei, W.S. Kingery, J.D. Clark (USA) 277

CLINICAL NOTES

Absence of pain with hyperhidrosis: A new syndrome where vascular afferents may mediate cutaneous sensation
D. Bowsher, C.G. Woods, A.K. Nicholas, O.M. Carvalho, C.E. Haggett, B. Tedman, J.M. Mackenzie, D. Crooks, N. Mahmood, J.A. Twomey, S. Hann, D. Jones, J.P. Wymer, P.J. Albrecht, C.E. Argoff, F.L. Rice (UK, Saudi Arabia, USA) 287
Analgesia in conjunction with normalisation of thermal sensation following deep brain stimulation for central post-stroke pain
A.E. Pickering, S.R. Thornton, S.J. Love-Jones, C. Steeds, N.K. Patel (UK) 299

LETTER TO THE EDITOR

On the validity of 'activity pacing'. Comment on Jensen "Research on coping with chronic pain: The importance of active avoidance of inappropriate conclusions" [Pain 2009;147:3–4]
P.A. Karsdorp, J.W.S. Vlaeyen (The Netherlands, Belgium) 305

Author Index to Volume 147 (2009) 306

Subject Index to Volume 147 (2009) 309

Contents to Volume 147 (2009) 315

Thanks to Reviewers 317

*A Commentary regarding this article can be found in this issue of *PAIN*®